



Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1-3. (Canceled)
4. (Previously presented) An isolated DNA sequence encoding an adult human liver flavin-containing monooxygenase (FMOS), wherein the DNA sequence is as depicted as SEQ ID NO: 5.
5. (Currently amended) A procaryotic or eucaryotic host cell containing a DNA sequences according to claim 4 with a heterologous regulatory control sequence in an expression vector therefor.
- 6-36. (Canceled)
37. (Canceled)
38. (Currently amended) The An isolated DNA sequence of claim 4, encoding an adult human liver flavin-containing monooxygenase (FMOS), wherein the DNA sequence is as depicted as SEQ ID NO: 7.
39. (Canceled)
40. (New) A procaryotic or eucaryotic host cell containing a DNA sequence according to claim 38 with a heterologous regulatory control sequence in an expression vector therefor.